

CSWC Operational Period Summary

0600 May 30 2015 to 1800 May 30 2015



Workers with NRC Environmental pick up tar balls at Ventura Harbor Beach on 05/29/15.

Photo Credit: Cal Spill Watch – Juan Carlo / THE STAR

Note: [Report changes/updates are in blue](#)



Cal OES
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SITUATION SUMMARY

Dynamite found in home, Eagle Rock, Los Angeles County (Initial/Final)

On 05/30/15 at 1630 hours, local media reported that evacuations were underway in Eagle Rock in Los Angeles County after a new homeowner found two pieces of dynamite in the home's garage.

- The homeowner reported finding the dynamite to LE near Windermere Avenue and Hill Drive around 2:37 p.m.
- The bomb squad was called to remove the dynamite.
- The community was not believed to be threatened, but a perimeter was established and locals were evacuated
- It was unclear how many people were evacuated or how long the evacuations were expected to last.

Per Cal OES Duty Officers:

- Per the LA County Sheriff EOB via the LA County OEM:
 - The dynamite was a movie prop
 - All evacuees have been allowed to re-enter
 - There are no requests for assistance or unmet needs at this time

This will be the final report on this incident unless circumstances warrant

SITUATION SUMMARY

UPDATE – Ventura County Spills – Cal OES Southern Region Duty Officer 05/30/15 at 0906 hours

- The Ventura County Operational Area Emergency Operations Center (EOC) activated at a Level I on May 29, 2015 due to cleanup efforts of several Ventura County beaches (from San Buenaventura State Beach to Hollywood Beach) where tar balls have been reported ashore. Although it is unknown whether these tar balls are related to the Refugio Incident, a Ventura County representative will be present at the Incident Command Post (ICP) for Refugio and will team up on the ongoing sampling and testing of the tar balls to determine the origin and chemical makeup. The Cal OES Southern Duty Officer (SDO) will continue to monitor the incident.

SPILL: 15-3021 – Tar Balls/Sheen, Port Hueneme, Ventura County

- On 05/30/15 at 1137 hours the California State Warning Center (CSWC) received a report dated 5/25/15, indicating that numerous tar balls and a sheen were discovered at Silverstrand Beach in Port Hueneme, Ventura County.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), Cal OES Law Duty Officer (LDO), and Southern Duty Officer (SDO) and conducted all appropriate notifications, including but not limited to local government agencies.

SPILL: 15-3011 – Mystery Sheen, Oxnard, Ventura County

- On 05/29/15 at 1814 hours the California State Warning Center (CSWC) received a report from a private citizen advising of a glassy mystery sheen from an unknown source located 2 miles from the west end of Anacapa Island (Channel Island). Private citizen advised this may be natural seepage because it has been observed several times in the same location.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), Cal OES Law Duty Officer (LDO), and Southern Duty Officer (SDO) and conducted all appropriate notifications, including but not limited to local government agencies.

SPILL: 15-3010 – Tar Balls, Ventura, Ventura County

- On 05/29/15 at 1733 hours the California State Warning Center (CSWC) received a report indicating that numerous tar balls were discovered at Sea Cliff Beach/ Hobson County Park in Ventura, Ventura County.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), Cal OES Law Duty Officer (LDO), and Southern Duty Officer (SDO) and conducted all appropriate notifications, including but not limited to local government agencies.

SITUATION SUMMARY

SPILL: 15-2981 – Tar Balls, Ventura, Ventura County

- On 05/28/15 at 1824 hours the California State Warning Center (CSWC) received a report indicating that numerous tar balls were discovered at Ventura Beach in Ventura, Ventura County.
- 05/28/2015 09:44:24 PM - 5/28/15 at 2115 hours, Ventura County Office of Emergency Services advises the Ventura City FD (VFD) responded to the area and advised there are tar balls on the water. VFD contacted the earlier reporting party who advised there are fewer tar balls upon the water than earlier reported. Ventura Co OES advises they will request the USCG to investigate the tar balls around San Buenaventura Beach at Pierpont Blvd. on 5/29/15.
- Per the Ventura County duty officer, and the city of Ventura's Fire Chief who did a reconnaissance of the reported area, the United States Coast Guard (USCG) will be responding to the area on the morning of May 29 to evaluate the incident.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), Cal OES Law Duty Officer (LDO), and Southern Duty Officer (SDO) and made a full notification pursuant to our Hazardous Materials SOP.
- On 5/30/15 at 0730 hours the California State Warning Center (CSWC) received a report indicating that numerous tar balls were discovered at Pierpont Beach in Ventura, Ventura County. A Spill Update to 125-2981 was issued.

SPILL: 15-2978 – Tar Balls, Ventura, Ventura County

- On 05/28/15 at 1452 hours the California State Warning Center (CSWC) received a report indicating that numerous tar balls were discovered at Faria Beach in Ventura, Ventura County.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), Cal OES Law Duty Officer (LDO), and Southern Duty Officer (SDO) and conducted all appropriate notifications, including but not limited to local government agencies.

SITUATION SUMMARY

SPILL: 15-2982 – Tar Balls, Cambria, San Luis Obispo County

- On 05/28/15 at 1847 hours the California State Warning Center (CSWC) received a report indicating that numerous tar balls were discovered at Moonstone Beach Park in Cambria, San Luis Obispo County.
- Per the San Luis Obispo County Environmental Health Duty Officer:
 - This is naturally occurring and they are not concerned.
 - There are no emergency management issues and no requests for assistance.
 - Per the San Luis Obispo County duty officer, Cambria fire department will conduct a reconnaissance of the area on May 29 and will report the findings to the duty officer.
 - **UPDATE:** On 05/30/15, San Luis Obispo County and County Environmental Health report that the tar balls reported are likely from natural origin and common in the area. The County has consulted with California Department of Fish and Wildlife at the Refugio Incident ICP. This will be the final report for this incident since the County reports no emergency management issues related to the report of a spill.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), Cal OES Law Duty Officer (LDO), and Southern Duty Officer (SDO) and made a full notification pursuant to our Hazardous Materials SOP.

SPILL: 15-3029 – Oil, Shoreline Park, Santa Barbara County

- On 05/30/15 at 1719 hours the California State Warning Center (CSWC) received a report indicating that a small amount of oil in globs was discovered on the beach at Shoreline Park, Santa Barbara, Santa Barbara County.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), Cal OES Law Duty Officer (LDO), and Southern Duty Officer (SDO) and made a full notification pursuant to our Hazardous Materials SOP.

SPILL: 15-3026 – Sheen, Carpinteria, Santa Barbara County

- On 05/30/15 at 1354 hours the California State Warning Center (CSWC) received a report indicating that a sheen was discovered 2 miles north of Rincon Beach in Carpinteria, Santa Barbara County.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), Cal OES Law Duty Officer (LDO), and Southern Duty Officer (SDO) and made a full notification pursuant to our Hazardous Materials SOP.

SPILL: 15-3020 – Tar Balls, Montecito Santa Barbara County

- On 05/30/15 at 0925 hours the California State Warning Center (CSWC) received a report indicating that numerous tar balls were discovered at Butterfly Beach in Montecito, Santa Barbara County.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), Cal OES Law Duty Officer (LDO), and Southern Duty Officer (SDO) and made a full notification pursuant to our Hazardous Materials SOP.

SITUATION SUMMARY

SPILL: 15-3030 – Tar Balls, Los Angeles, Los Angeles County

- On 05/30/15 at 1739 hours the California State Warning Center (CSWC) received a report indicating there are tar balls on Zuma Beach in Los Angeles, Los Angeles County.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), Cal OES Law Duty Officer (LDO), and Southern Duty Officer (SDO) and conducted all appropriate notifications, including but not limited to local government agencies.

SPILL: 15-3028 – Tar Balls, Malibu, Los Angeles County

- On 05/30/15 at 1608 hours the California State Warning Center (CSWC) received a third party report of tar balls washing up on the beach at Malibu, Los Angeles County. The reporting party also reports a dead seal on the beach.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), Cal OES Law Duty Officer (LDO), and Southern Duty Officer (SDO) and conducted all appropriate notifications, including but not limited to local government agencies.

SPILL: 15-3014 – Tar Balls, Venice, Los Angeles County

- On 05/29/15 at 2018 hours the California State Warning Center (CSWC) received a third party report of tar balls washing up at Venice Beach in the city of Venice, Los Angeles County.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), Cal OES Law Duty Officer (LDO), and Southern Duty Officer (SDO) and conducted all appropriate notifications, including but not limited to local government agencies.

SITUATION SUMMARY

SPILL: 15-2943 – Tar Balls, Manhattan Beach, Los Angeles County

- On 05/27/15 at 1241 hours, the California State Warning Center (CSWC) received a report indicating a tar-like substance was observed on Manhattan Beach, Los Angeles County.
- The Beach Incident Command Post (ICP) is located at 2600 Strand, Manhattan Beach, CA 90266.
- The beach area has been closed and Public Health is placing signage indicating the closure of the beach area.
 - Beach closures: Northern boundary begins at West 45th Street near the El Segundo jetty and Southern boundary to the Torrance beach border.
 - Los Angeles County Public Health officials are advising residents to avoid contact with the water, wet sand, and any materials washed up on shore in the area.
 - Beach users are advised to stay out of the water until the contaminated areas of the beach have been cleaned and the advisory is removed. Dry areas of the beach are not affected by this advisory.
- There is no request for assistance to the Operational Area and OEM is monitoring the situation.
- **Update 05/29/15 at 1103 hours**, Per the Cal OES Southern Duty Officer (SDO):
- Unified Command assigned crews continue to perform cleanup operations there is <1% coverage of tar balls smaller than a pea size remaining, and which is a natural daily occurrence for the area impacted.
- Air operations have determined that no new tar balls have been identified along the shorelines of El Segundo, Manhattan and Hermosa but Redondo Beach Harbor officials report that additional natural seepage has caused new tar balls to form – again, a natural daily occurrence for the area.
- Per the ICP, the DPH, USGC and CDFW are still conducting tests to determine the origin of the tar ball substance.
- Beaches will remain closed until determined safe by the Department of Public Health. Public Health urges the public to comply with these closures until beaches are reopened to the public. Signs have been placed at all of the affected areas.
- **Update 05/29/15 at 2036 hours**, Per the Cal OES Southern Duty Officer (SDO):
- Per the LA County OEM Duty Officer, the Los Angeles County Public Health Department has declared the beaches safe for public use therefore Unified Command reopened El Segundo, Manhattan, Hermosa and Redondo Beaches for public use at 1830 hours on 05/29/15.
- The beaches have been cleared of about 90% (40 cubic yards) of the tar balls/patties according to the USCG and no new tar balls have appeared on the beaches since first reported on Wednesday, May 27. Nevertheless, Los Angeles County Fire Department Lifeguard Division will have personnel monitoring the shoreline. Additionally, two joint agency shoreline assessment teams will patrol between Point Dume and the Torrance-Redondo Beach border Saturday, May 30 and Sunday, May 31. If additional tar balls are discovered, cleanup crews will remain available to respond. The investigation continues to determine the origin and chemical makeup of the tar balls based on sampling collected by USCG and CDFW. The Cal OES SDO will continue to monitor the incident.

SITUATION SUMMARY

SPILL: 15-2943 – Tar Balls, Manhattan Beach, Los Angeles County (Cont.)

- 5/28/15 0900 Overflight: Pt Dune to Huntington Beach and 5-miles offshore, no observations of additional shoring of tar balls/patties; silver sheen present in usual areas of natural seep- nothing unusual. Second flight scheduled for 0700 on 05/29/15 to cover a larger area and extending north, trained aerial observers from Sector LA/LB and OSPR will attend.
- Sector LA/LB shipped samples (rush delivery) to CG Marine Safety Lab in Groton, CT. Expect Tuesday returns with a compare/contrast of Refugio Incident tar balls and South Bay Incident tar balls.
- Chevron is the only petroleum facility in the area; Chevron samples of tar balls show no connection to last offshore lightering op (May 23 involving Columbian crude), or database of natural seep signatures.
- On 5/28/15 at 2101 hours, per UC and USCG, as reported by the LA County OEM duty officer, the identity and source of the substance continues to remain unknown at this time - may be attributed to natural seepage, oil spill or refinery discharge.
- The United States Coast Guard (USCG) is serving as the lead agency for this incident with OEM, Public Health, District Attorney, Beaches and Harbor as well as other Los Angeles County Departments providing support to USCG.
- Chevron representatives are responding to the area of Manhattan Beach after a request from USCG to help identify and possibly mitigate a release, tar balls have been reported in the water and sand over a two mile stretch, this is per their agreement with the USCG.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), and Southern Duty Officer (SDO) and made a full notification pursuant to our Hazardous Materials SOP.

SITUATION SUMMARY

SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County

- On 05/19/15 at 1243 hours the California State Warning Center received a report from the Santa Barbara County Fire Department indicating that a ¼ mile sheen was observed off of Refugio State Beach, near Goleta, Santa Barbara County.
- On 05/19/15 at 1510 hours the NRC reported that Plains All American Pipeline advised that crude oil was discovered to be coming out of a transmission pipeline at a Culvert under Highway 1. Contractors responded to scene and the action line was shut in.
- The source of the spill was capped at approximately 1500 hours on 05/19/15, but a significant amount of oil reached the ocean at Goleta.
- Mission opened in Cal EOC: **2015-05-19 Santa Barbara Refugio Oil Spill Incident.**
- The CSWC conducted all appropriate notifications, including but not limited to local government agencies.

Proclamations

- Governor Brown Declares State of Emergency in Santa Barbara County to Assist Oil Spill Response.
- <http://gov.ca.gov/news.php?id=18967>
- A Proclamation from Santa Barbara County has been received. The County is not requesting CDAA at this time.
- On 05/22/15 City of Goleta submitted a Proclamation of Local Emergency. The City is not requesting CDAA at this time.
- On 05/23/15 the University of California Santa Barbara submitted a Proclamation of Campus Emergency with no requests at this time.

Activations

On 05/27/15:

- The State Operations Center is activated at Level 1.
- The Southern Region Emergency Operations Center (REOC) is activated at Level 1.
- Santa Barbara EOC is activated at Level 3.
- The EOC is being used for the ICP, and has an Operational Period of 24 hours – 0600 to 0559 hours.
- [Ventura County OA EOC was activated at Level 1 for part of Friday, 05/29/15, due to reports of tar balls/sheens and to join the sampling process to determine the source of the oil spill.](#)
 - [Ventura County OA EOC will be activated at Level 1 again today, 05/30/15, and Sunday, 05/31/15, from 0700-1900 hours.](#)
 - [The Ventura County Duty Officer will handle any response overnight.](#)
 - [A Ventura County OA representative has been sent to the Refugio Incident ICP.](#)

Missions

- [2015-SREOC-12905 - 05/30/15 - for 4 CMS Boards from Cal Trans with the following message: “BEACHES OPEN AVOID CONTACT WITH TAR/OIL VCEMERGENCY.COM” to be posted at the following locations:](#)
 - [La Conchita @ Santa Barbara Street – North Bound](#)
 - [Seacliff Off-Ramp / Pacific Coast Highway \(Rincon Parkway\) – South Bound](#)
 - [State Beaches Off-Ramp \(101 NB North of Ventura\) – North Bound](#)
 - [Las Posas Road @ HWY 1 – South Bound](#)



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Deployments

- Unified Command
 - Federal on Scene Coordinator: US Coast Guard (USCG) & the Environmental Protection Agency (EPA).
 - State on Scene Coordinator: CA State Parks & CA Fish and Wildlife (CDFW).
 - Local on Scene Coordinator: Santa Barbara County Office of Emergency Management (OEM).
 - Tribal Coordination: Santa Ynez Chumash Tribe, Owl Clan Consultant representing the three Clans: Barbareno, Coastal and Southern Owl.
 - Responsible Party: Plains All American Pipeline LLC.
- Cal OES Deployments
 - Southern Regional Administrator
 - Southern Deputy Regional Administrator
 - ESC from Cal OES Southern Region, Ports and Harbor Representative
 - Two (2) ESC from Cal OES Southern Region, Agency Representative
 - Three (3) Cal OES PIO
 - Region I Fire and Rescue Assistant Chief

SITUATION SUMMARY

SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County

Responding Agencies

Federal

- USCG, Pipeline and Hazardous Materials Safety Administration (PHMSA), EPA, US Fish and Wildlife, and NOAA.

State

- Cal OES, CA State Parks, Cal OSPR, CA Fish and Wildlife, Cal Volunteers, California Conservation Corps, and California Coastal Commission.

Local

- Santa Barbara County OEM, Santa Barbara County Fire Department, Santa Barbara Sheriff's Office, Owl Clan Consultant representing the three Clans: Barbareno, Coastal and Southern Owl, Santa Ynez Chumash Tribe , and the Gaviota Police Department.

Beach and Campground Closures

- Refugio Beach camp ground and El Capitan state beach will remain closed through 06/04/15 or until deemed safe and staged equipment is removed.

Road Closures (Lane Reduction)

- Highway 101 – The shoulder of highway 101 is intermittently closed for clean-up vehicle parking.

SITUATION SUMMARY

SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County

Tribal

- Per the Cal OES Tribal Liaison:
 - The Santa Ynez Chumash Tribe (a Federally recognized Tribe) is now impacted and has sent a representative to the ICP.
 - The representative is the cultural monitor for the Tribe.
 - The Cal OES Southern Region ESC and Tribal Advisor, are in close contact with Santa Ynez Chumash Tribe to ensure proper consultation with the Federally recognized Tribe.
 - Cal OES Tribal Advisor reached out to the consultant for the three Non-Federally-recognized Clans (Barbareno, Coastal and Southern Owl) , and confirmed she is working directly with the Unified Command group to ensure that the three clans cultural sites are being protected.
 - A Southern Owl Clan member contacted the State Historic Preservation Office (SHPO) and CA Native American Heritage Commission (CNAHC) advising them that these clans have cultural sites in the impacted zone of this event.

Access and Functional Needs

- Cal OES has coordinated a sign-language interpreter to assist with the Press Briefings.

Health and Medical

- California Department of Fish and Wildlife closed affected fishing areas.
- Center for Toxicology & Environmental Health, LLC (CTEH) is conducting air monitoring. There have been no reports of inhalation concerns and no records of chemicals that could cause long term health effects. No reports of injuries from public or responders.

Economic Impacts

- The Cal OES Southern Region and Individual Assistance Branch staff are coordinating the collection of data related to the economic impacts to locals businesses due to the oil spill. Cal OES has forwarded the Estimated Economic Injury Worksheet for Businesses to Santa Barbara County OEM staff to assist with this effort and determine if businesses within the County qualify for Economic Injury Disaster Loans (EIDLs).

Third-Party Claims

- A Third-Party Claims telephone number has been established for businesses and others to report economic losses or costs due to the oil spill. Claim Phone Number: 866-753-6391.
- A conference call was held on Friday, May 29 to discuss the claims process for local entities economically impacted by this incident. Participants on the call included Santa Barbara County OEM, the City of Santa Barbara, City of Goleta, the University of California Santa Barbara, Cal OES and National Pollution Funds Center.

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Environmental Impacts

- The area is prone to natural oil seepage. Experts from NOAA conduct daily overflights to identify areas with sheen in the water. Samples are collected in these areas via skimmers to determine if the oil is of natural origin or in the environment as a result of the oil spill. In this area, a baseline of about 80-100 barrels (4,000 gallons) is produced naturally daily.
- Fishery Closure area expanded and now extends from Canada de Alegeria at the western edge to Coal Oil Point at the eastern edge and out to 6 miles seaward.
- California Department of Fish and Wildlife submitted a declaration of Fishery Closure on 05/21/15 due to a public health threat caused by the oil spill. OSPR has ordered a ban on fishing and the taking of shell fish in the spill area.
- The following areas have been cleared by cleaning crews:
 - Gaviota Creek
 - El Capitan Creek
 - Las Llagas
 - Tecolote Creek
 - Bell Canyon Creek
 - Deveraux Creek
 - Corral-La Flores Creeks
 - Arroyo Hondo Preserve and Creek
- The following area has not yet been cleared:
 - Eagle Canyon Creek – in progress
 - Refugio Creek (spill site) – boomed

Wildlife

- The Wildlife Care Network continues to conduct wildlife monitoring and recovery efforts.
- As of 1818 hours on May 29, 2015, the OCWN has received reports of 68 birds captured, 22 birds DOA (total of 90 birds), 44 mammals captured, and 14 oiled mammal DOA (total of 58 mammals).
- Freshwater lagoon drainages in the affected area have berms installed. Berms remain intact and provide protection for sensitive species from oil.

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SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County

Pipeline Information

- Per Cal OES Southern Region Emergency Operations Center 0900 hours Situation Report:
 - Per PHMSA, a Corrective Action Plan was submitted on 05/21/15. This required the Responsible Party to remove all oil from the pipeline within 10 days.
 - 550-600 barrels of product was removed from the pipeline which is equivalent to approximately 23,100-25,200 gallons.
 - The investigation of the pipeline will be ongoing for approximately four (4) months
 - [Air quality monitoring is ongoing in the incident area. The Center for Toxicology and Environmental Health \(CTEH\) is conducting the air monitoring on behalf of the Responsible Party.](#)
 - The exact amount of oil release is unknown but is estimated between 31,000 gallons to 105,000 gallons as a worst case scenario.
 - The worst case scenario spill volume has been reduced based on the amount of oil recovered from the damaged pipeline. The new worst case scenario volume is estimated at 101,000 gallons.
 - The Federal On Scene Coordinator (FOSC) and the US EPA On Scene Coordinator (OSC) issued and cosigned an administrative order to the responsible party for the removal, mitigation, or prevention of a substantial threat of oil discharge to the responsible party.
 - Unified Command approved the plan to remove section of the ruptured pipe on 05/25/15. Work on the pipe has started and they have removed soil above the suspected breaking point.
 - [The damaged pipeline section has been removed. Crews are in the process of assembling and assessing the new section of pipe.](#)

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SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County

Response and Clean Up Efforts

- Per Cal OES Southern Region Emergency Operations Center 0900 hours Situation Report:
- An investigation of the shoreline has revealed approximately 37.45 miles of shoreline impacted by the oil spill. Impacts to the shoreline have been identified as follows:
 - 29.7% light oil impacts
 - 34.1% moderate oil impacts
 - 6.8% heavy oil impacts
 - 14% background.
- 12 sites have been identified as sensitive, all have been boomed.
- The majority of oiling is located on beaches and in cobble riprap, between Arroyo Hondo and two (2) miles east El Capitan Beach. Additional pooling of oil exists east of the railroad tracks down to a depth of 30". These areas have been targeted for light mechanical and manual removal.
- 11,600 gallons of oily water mixture have been collected offshore. The remaining offshore oil exists within a thin sheen reducing the amount that can be collected via skimmers; therefore, offshore oil collection activities have been minimized.
- Onshore oil cleanup continues.
- In addition, six field observer teams have reported the following onshore removal totals:
 - 300 cubic yards of oily vegetation
 - 3,348 cubic yards of oily soil
 - 390 cubic yards of oily sand
 - 135 cubic yards of oiled equipment (including gloves, masks, Tyvek, etc.)
 - Approximately 190 bins of oily soil mixture have been collected, 22 of these bins have been removed from the incident site. Each bin contains approximately 10 cubic yards of the oily soil mixture.
- US EPA is reviewing options for cleaning the cobbled beach areas.
- NOAA Trajectory Analysis estimates show an area of scattered light oil off the coast starting from Heritage to Holly located north of Santa Barbara.
- Clean up efforts continue on a 24 hour schedule.



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SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County

Resources

- Per Cal OES Southern Region Emergency Operations Center 0900 hours Situation Report:
- Per Cal OES Southern Region Emergency Operations Center 0900 hours Situation Report:
- As of 1818 hours on May 30, 2015, there are a total of 1414 personnel from all organizations currently responding to the incident. There are 290 personnel in the ICP and 1,124 in field operations.
- Staging areas for the incident are located at Refugio State Beach, El Capitan East, and El Capitan West.
- There are currently 18 vessels and 1 barge being utilized to perform boom, skimming operations, and decontamination offshore. Vessels not currently in use are being staged in the Ventura Harbor.
- Approximately 2,540 feet of hard boom and 2,040 feet of absorbent boom (totaling 4,580) have been deployed to protect the ACP sites. About 6,000 feet of boom has been deployed by the on water recovery group. A total of 10,580 feet of boom is assigned to the incident.
- There are 2 contracted aircraft (helos) and 1 fixed wing aircraft deployed to this incident.
- Four Shoreline Clean-up Assessment Teams (SCATs) have been surveying shoreline to assess extent of impact and determine best method of clean up. Field observer teams have reported oiled beach between 2 miles west of Arroyo Hondo and Arroyo Burro mostly moderate oiling, and most areas are under 30% coverage

Public Information

- Joint Info Center (JIC) has been established.
 - JIC WEBSITE: <http://www.refugioresponse.com>
 - Future media inquiries regarding Refugio State Beach oil spill should call: **805-696-1188**.
- A Third-Party Claims telephone number has been established for businesses and others to report economic losses or costs due to the oil spill: 1-866-753-3619.
- A Press Conference was held at 1500 hours on May 29, 2015 to provide a situation update of the oil spill clean-up status.
- A Community Open House will be held Saturday, May 30 from 1100-1400 at the Elks Lodge #613 located at 150 North Kellogg Avenue, Santa Barbara



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Volunteers

- California Volunteers is leading the efforts to coordinate spontaneous volunteer activities related to the Refugio Incident. Cal OES continues to support volunteer efforts along with OSPR, the City of Santa Barbara, Santa Barbara County OEM, the University of California Santa Barbara and Chumash Tribe representatives. An Emergency Volunteer Center has been established and hazmat training is being provided to volunteers.
- Cal OES deployed staff will continue to assist in the coordination of these events. Community CERT and Spontaneous Volunteers are being trained and utilized for the beach cleanup efforts. Deployed Cal OES Southern Region staff prepared a briefing regarding volunteer coordination efforts related to this incident which was then presented by OSPR 05/26/15 at Santa Barbara County Board of Supervisors Meeting in Santa Maria.
- Around 160 public volunteers attended the 4 hour Hazcom training class on 5/28/15
- The beach cleanup activity for Saturday 05/30/15 will be at Gaviota Beach from 1pm to 5pm each day. Around 75 public volunteers and 10-15 staff/CERT volunteers are expected at each event. Public volunteers will meet at UCSB and will be transported to the beach. CERT volunteers and other setup staff will meet at the beach at 12:15 to setup. Beach cleanup site for Sunday 05/31/15 is TBD.
- CERT Volunteers assisted with passing out flyers for the Community Open House event on Saturday 5/30/15. California Volunteers, Cal OES and OSPR will be present at this event and will be staffing the volunteer opportunities booth.
- The public can assist by visiting this website <https://calspillwatch.dfg.ca.gov/Spill-Archive/Refugio-Incident/Volunteer> or by reporting oiled wildlife by calling 877-UCD-OWCN (not a volunteer line).

SITUATION SUMMARY

Cal EOC Incident – 2014 Drought

- SOC / Inland REOC remains activated in support of 2014 Drought

Weather of Concern

- There are no significant Watches or Warnings in effect at this time

Active Weather Warnings, Watches and Advisories by County: http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php

WEATHER

WEATHER SYNOPSIS BY REGION:

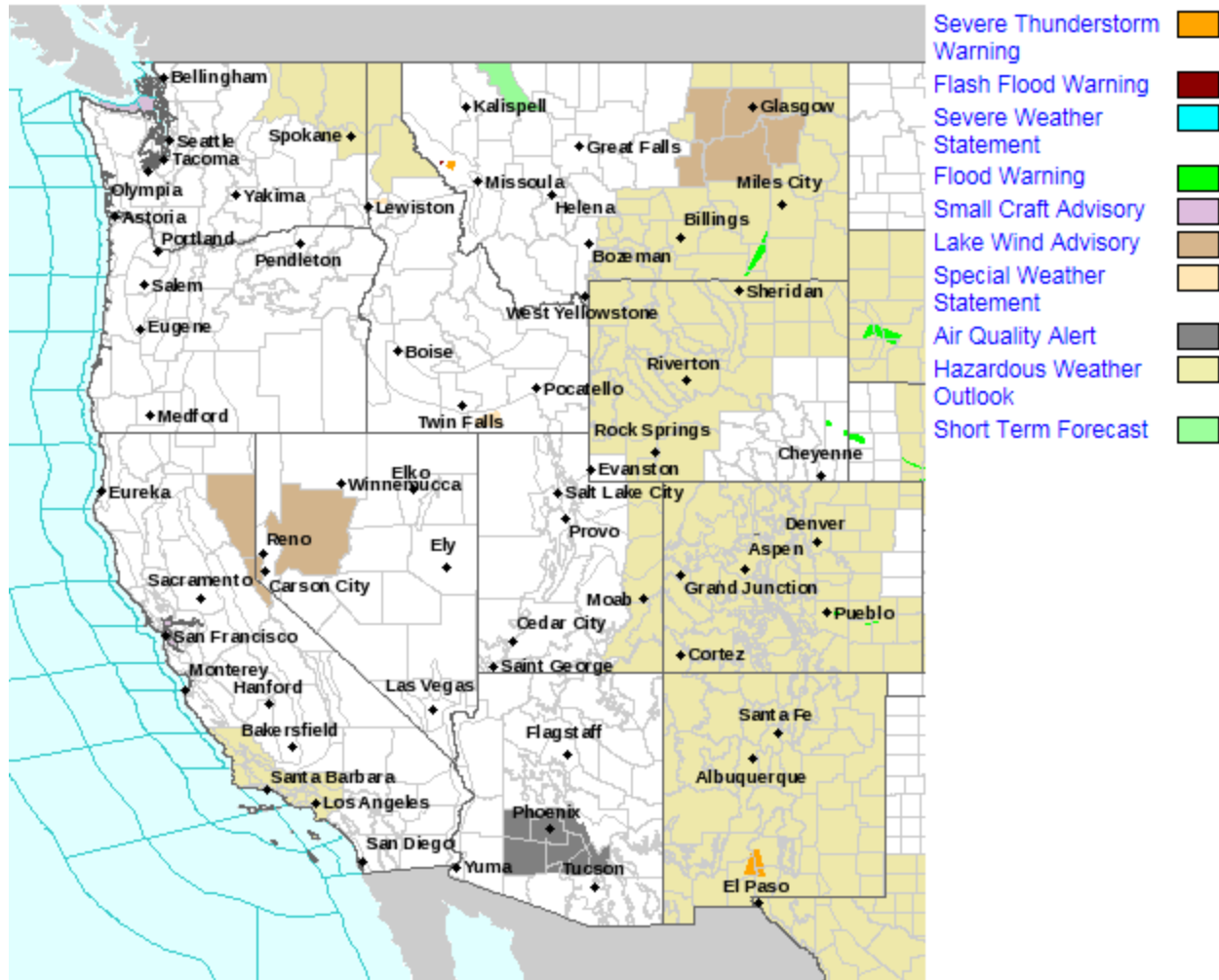
Northern Region

The high pressure ridge that has been over the Northern Californian in recent days will move off to the east today as a Pacific low pressure trough approaches the coast. Winds will gradually increase out of the south to southwest and onshore flow conditions will increase in the coastal regions. Mid and high clouds will also continue to increase over the area. By late Sunday showers are possible in coastal areas from Clear Lake north as a low pressure center within the trough moves toward the Southern Oregon Coast. More showers are possible in far Northwest California on Monday and across the northern tier of Northern California Tuesday as the system moves northeast over Oregon and Washington. Another disturbance will move through the Pacific Northwest Wednesday through Thursday and produce showers and isolated thunderstorms as far south as Lake Shasta and Susanville. The remainder of the Northern California will be partly cloudy with temperatures near seasonal norms for much of the next week. Moderate and gusty southwest to northwest winds can be expected across the region much of this time.

Weather Report - Southern Region

Temperatures will warm a couple degrees and minimum humidity will remain between 12% and 25% away from the coastal areas today as a ridge of high pressure moves from California into Nevada and Arizona. Maximum temperatures will be in the upper 70s and 80s across the mountains, with upper 80s and 90s in the valleys. The marine layer is around 1,500 feet deep this morning, with morning low clouds and fog only covering the coastal areas. Winds will be mainly southeast to southwest 5 to 15 mph today. A Pacific trough will approach the West Coast Sunday and then move inland and deepen bringing a cooling trend and an increase in humidity to the region through the end of next week. The marine layer will deepen starting Sunday, with morning low clouds and fog making it over the lower coastal mountain slopes by Tuesday. Westerly winds of 15 to 25 mph with gusts to 40 mph will surface across the Tehachapi Mountains, Antelope Valley, and Banning Pass Sunday afternoon through the end of next week.

STATE WEATHER MAP



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

FIRE ACTIVITY



Preparedness Levels

National Preparedness Level 1

Northern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 1

Southern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

- The SOC, Inland, Coastal, and Southern REOCs and the Santa Barbara County EOC are activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Regional (Inland, Coastal, Southern) conference calls continue to occur on a weekly basis.

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

Local Emergency Proclamations:

A total of 57 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 25 Counties: El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 11 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Montague (Siskiyou County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), and City of West Sacramento (Yolo County), City of Willits (Mendocino County), City of Manteca (San Joaquin County), City of Porterville (Tulare County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).

CAL OES MISSIONS

Closed Cal OES Missions

- **2015-LAW-12889, 05/29/15 at 0555 hours**, Sacramento County Sheriffs Office has requested 2 trailing K9 and 20 ground searchers to assist in locating a 6 year old girl last seen at 1100 hours on 5/28/15. Cal OES LDO coordinating resources. LDO coordinated with Cal OES K9 coordinator and secured 2 K9's. LDO is continuing coordination efforts to secure ground searchers at this time. **Update**, DC Paul Tassone coordinated from ICP. Resources utilized for the search are as follows: Morning operational period 0800-1800 hours -Sac SAR, Contra Costa County, Placer County SO, 3 K9 Teams, Evening Operational Period 1800-2200 hours - Sac SAR, El Dorado County SO with Overhead Team, Solano County SO. **Update: 05/30/15 at 1212 hours**, [The Sacramento County SO reports that the missing girl's body was found and positively identified in Glenn County and the search has been suspended.](#) **Mission Closed**



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.